No 1st and final

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....2017.

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional

Schedule Docket No. Head of Account: 1771 Est.Cost: **20.00** Lakhs **Job Number: 001-17-000017.** B.R.No. :

Name of Work : Improvements an Asphalting to roads at venkatala service road and surrounding areas in ward no-01 of yelahanka Sub Division,

Name of Contractor and Full Address: **Sri BB Umesh, No 345/1, Anjaneya temple Bettahalasoor, Bangalore.**

Reference to Agreement No. EE/YNK.D/ **EPMT-8/W.O/ 82 /2017-18.** Date: 23-6-2017.

Certified that the measurements were taken by me on .....and recorded of Pages 466301 to 466311 of measurement Book No.4664 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 24/1/18 .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sub-Division Officer.

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Amount

Gross Amt = Rs	1977111=00
TD = Rs	0 —
CCRT = Rs	19771=00
SCRT = Rs	19771=00
IT = Rs	39542=00
LC = Rs	19771=00
CESS = Rs	1977=00
Royalty = Rs	37829=00
I.C. = Rs	138661=00
Total amt = Rs	1838450=00

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)

Stamp

Audited & Admitted for Rs. 1977111=00

1838450=00

138661=00

Executive Engineer

sl no	Description of work	Unit	Qty
1	KSRB 2-2.1 : **Earth work excavation** for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, N	Cum	–
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	–
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.21 (P.15 / I.4.31)	sqm	–
4	Providing & laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs , with 20mm and down size graded granite metal,coarseaggregated @ 0.69cum ,and fine aggregated @ 0.460cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reafirmed -2008 machine mixed concrete laid in layers not exceeding 15 crns thick, vibrated for all works in foundation for footings,pedestals,retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts,struts, buttresses, bed blocks, anchor blocks, plinths etc.,including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.specifications	cum	–
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.	tonne	–
6	Providing and fixing **RCC precast Slabs of 0.10 m thick of CC 1:2:4 with 20 mm** and down size graded granite metal , machine mixed , including cost of all material , labour , HOM of Machinery , curing complete	sqm	–
7	5.29(b)Providing and fixing pre cast solid cement concrete kerb stones made out of No.272.21 C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete (P.No.25 /It.No.5.30)	Nos	–
8	KSRB 15-19.2 :Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (Page no.121 / It no.15.80)	**sqm**	–
9	KSRRB 800-1: painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification MORTH chapter 8, No. 191/ Item No. 24.1/		–
10	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)	CUM	–
11	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)	CUM	–
12	KSRRB M400-6.1: Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading- II Material	CUM	–
13	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)	CUM	–
14	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH Specification No.502 (P.No.160/It No.21.6)	CUM	–
15	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No.507 (P.No.162&163 It.No.21.17.6)	CUM	–
16	KSRRB 500-7:Providing and **applying tack coat with bitumen emulsion** using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per	SQM	–
17	KSRRB M500- 15. Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 6% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per specifications MORTH Specification No.509 (P.No.164 Item No.21.22.6)	CUM	–

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

	Unit	Previous		Present Measurement			Total up-to date		Rem.
		Qty	cost	Qty	Rate	Cost	Qty	cost	
or in ches, tions,	Cum	–	–	224.80	199 197.54	44735 44406.99	224.80	44735 44406.99	
raded cms. ions.	Cum	–	–	26.90	5157 5086.79	138723 136834.65	26.90	138723 136834.65	
walls ations.	sqm	–	–	632.40	310 306.23	196044 193659.85	632.40	196044 193659.85	
graded 3-1999 on for struts, ng cost	cum	–	–	76.32	6371 6282.46	486234 479477.35	76.32	486234 479477.35	
lapping design	tonne	–	–	4.58	59411 58581.22	272102 268255.12	4.58	272102 268255.12	
mixed	sqm	–	–	118.58	2090 2070.60	245531.75	118.58	245531.75	
114 and ncluding,	Nos	–	–	350.00	330 327.14	115500 114499.00	350.00	115500 114499.00	
including s, labour,	sqm	–	–	63.24	27 27.17	1707 1718.23	63.24	1707 1718.23	
surfaces,		–	–	62.71	63 62.71	3950 3932.54	63 62.71	3950 3932.54	
ndation of lrn and lift ed as per	CUM	–	–	153.45	166.00	25472.70	153.45	25472.70	
ading ations	CUM	–	–	378.25	98 100.000	25472 37825.00	378.25	25472 37825.00	
carriage of er roller to 400-1 For	CUM	–	–	51.15	1660 1665.00	84909 85164.75	51.15	84909 85164.75	
specifications paver in sub- Specification	CUM	–	–	76.73	1766 1750.00	134277.50	76.73	135505 134277.50	
ring of road tion No.502	CUM	–	–	341.00	27.5 30.00	9377 10230.00	341.00	9377 10230.00	
mm), crushed well and grade, mplete as per	CUM	–	–	17.05	6435 6430.00	109716 109631.50	17.05	109716 109631.50	
t 2.5kg per 10 ete as per	SQM	–	–	341.00	14.8 15.00	5046 5115.00	341.00	5046 5115.00	
aggregates of ade,rolling with nts complete as	CUM	–	–	11.25 13.64	7270.00	81787 99162.80	11.25 13.64	81787 99162.80	
						1995228		1995228	

197711=00 197711=00

Asst. Executive Engineer
Yelahanka Sub. Divison
BBMP Ynk. Zn)
Bangalore